Jones, Joel E.

From: Jones, Joel E.
Sent: Tuesday, November 12, 2013 5:02 PM
To: 'Bob_King@begich.senate.gov'
Cc: Maier, Brent
Subject: USCG Cutter STORIS PCB removal - EPA Region 9
Attachments: CGC STORIS PCB Clean Up.pptx; STORIS_cable testing.pdf

Thank you for your inquiry re US Coast Guard Cutter Storis. We followed up with managers at the USCG [see contacts below] to confirm PCB cleanup of the Storis, and they provided additional documentation supporting previous self-certification from the USCG that the cutter STORIS was free of regulated PCB material.

The attached Powerpoint presentation created in 2007 following the removal action on board the cutter is provided for your use, as well as a report on the testing of electrical cable onboard the ship.

Per Ronald Johnson, the USCG only found PCB-containing electrical cable on a few vessels built in the 1960s and 1970s and does not expect PCB-containing electrical cable on this vessel, since it was built in the 1940s. Also, on 12 March 1997, US Coast Guard Health and Safety personnel conducted PCB sampling on the STORIS' main propulsion electrical cable (most likely location for PCBs due high current) and sample results were negative.

We appreciate your interest in this matter and hope our assistance has been helpful. If you have any further questions or concerns, please reply or call Brent Maier (Region 9 Congressional Liaison) at (415) 947-4256.

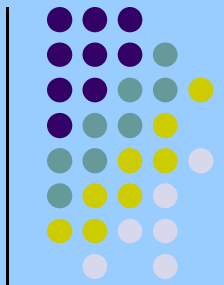
US Coast Guard Contacts:

Jeff Beach, CPPM
Manager of Retired CG Boats & Decommissioned Cutters USCG Headquarters @ ST "E" Campus
(202) 372-3646

Ronald L. Johnsen, P.G.
Team Lead, Office of Environmental Management, CG-47 US Coast Guard Headquarters Stop 7714
2703 Martin Luther King Jr Ave SE
Washington, DC 20593-7714
Phone: 202-475-5692

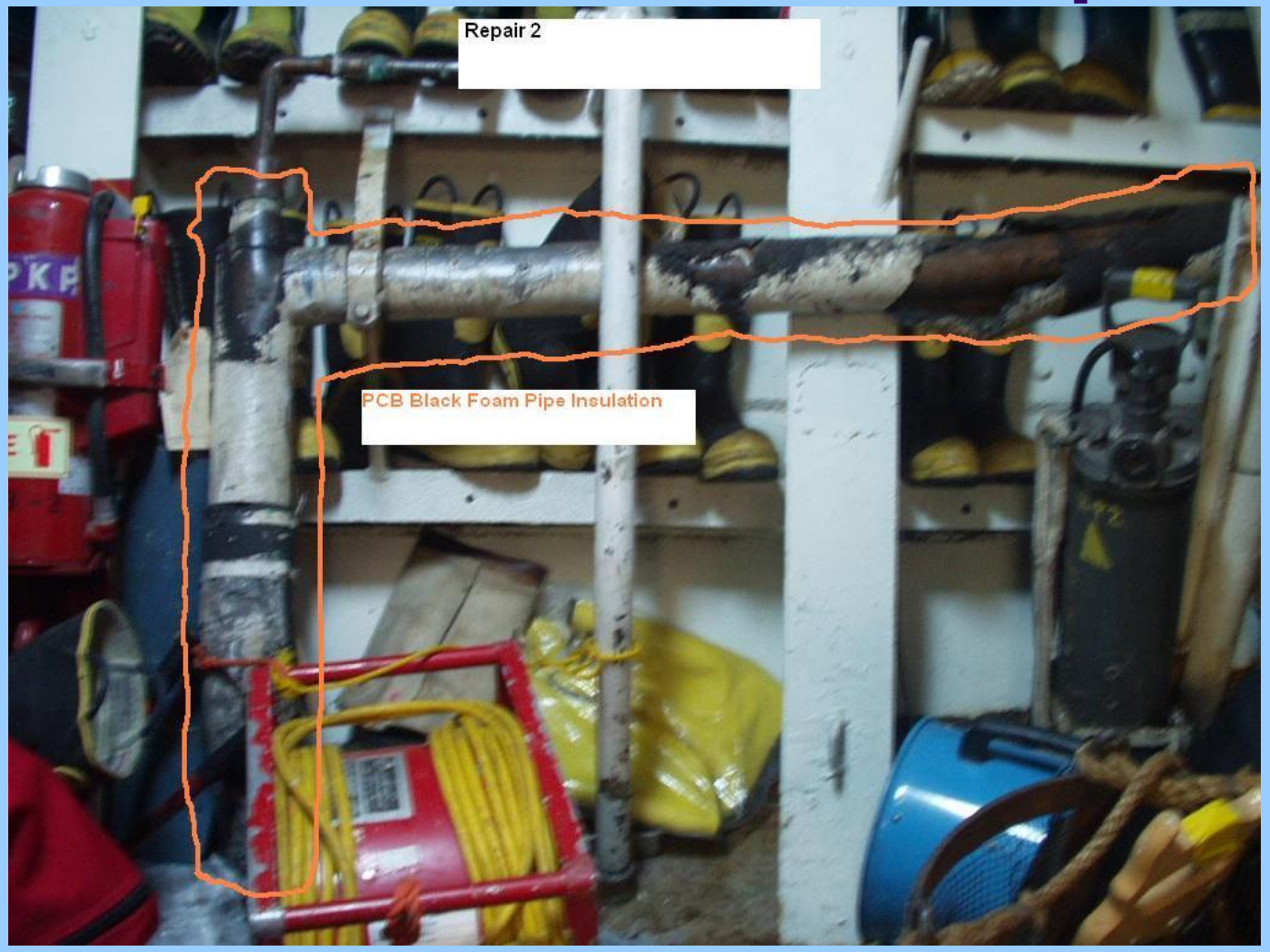
_____
Joel Jones, Assistant Director
Enforcement Division
Air, Waste & Toxics Branch (Enf -2)
U.S. EPA Region 9
(415)972-3449
Jones.Joel@epa.gov

CGC STORIS PCB Clean Up

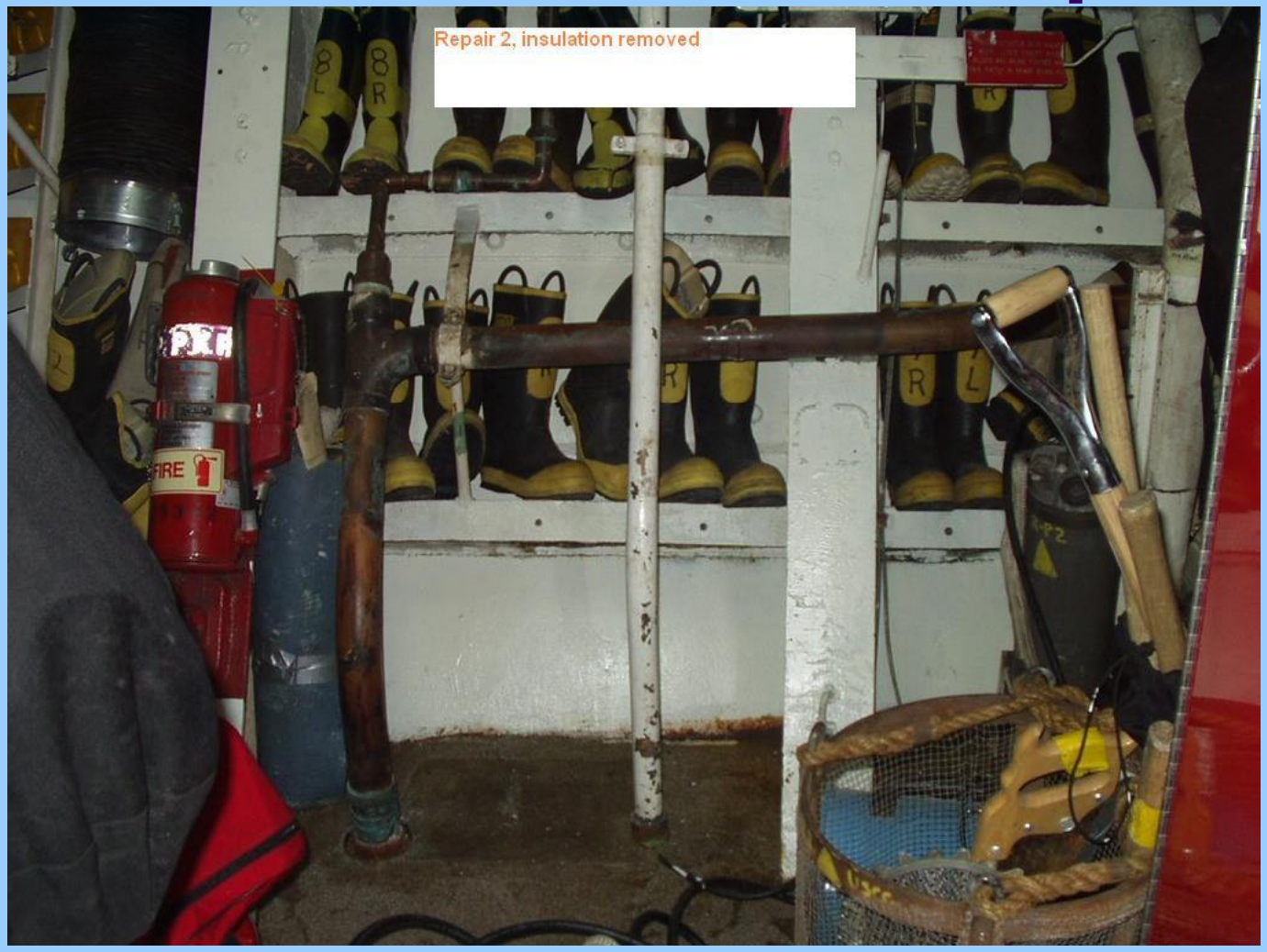


- PCB black foam pipe insulation was removed on 17 Jan 2007.
- The cutter was tied up at ISC Kodiak AK
- About 20 feet of insulation was removed.
- Two DC3's assisted me with the survey and removal.

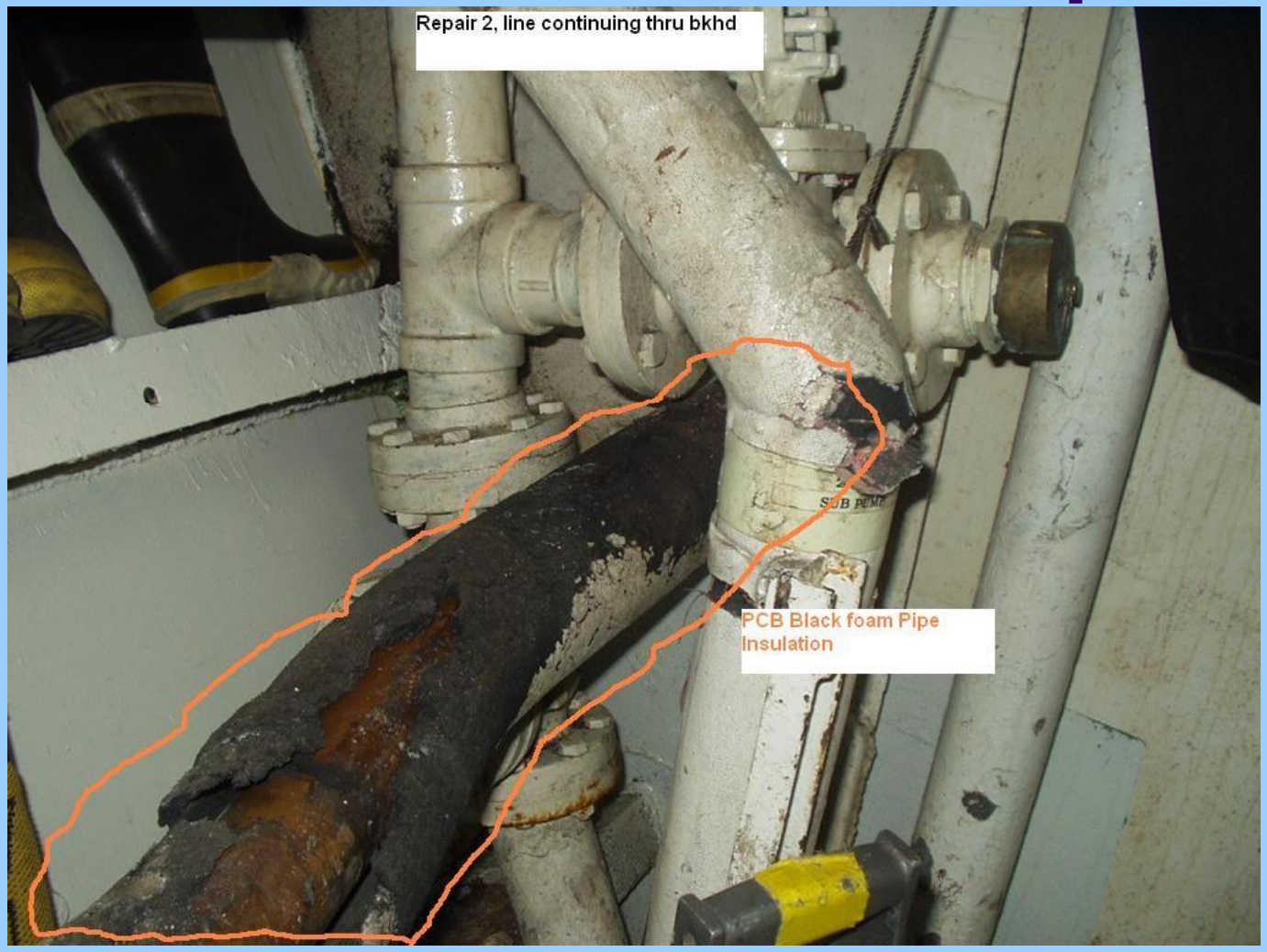
CGC STORIS PCB Clean Up



CGC STORIS PCB Clean Up



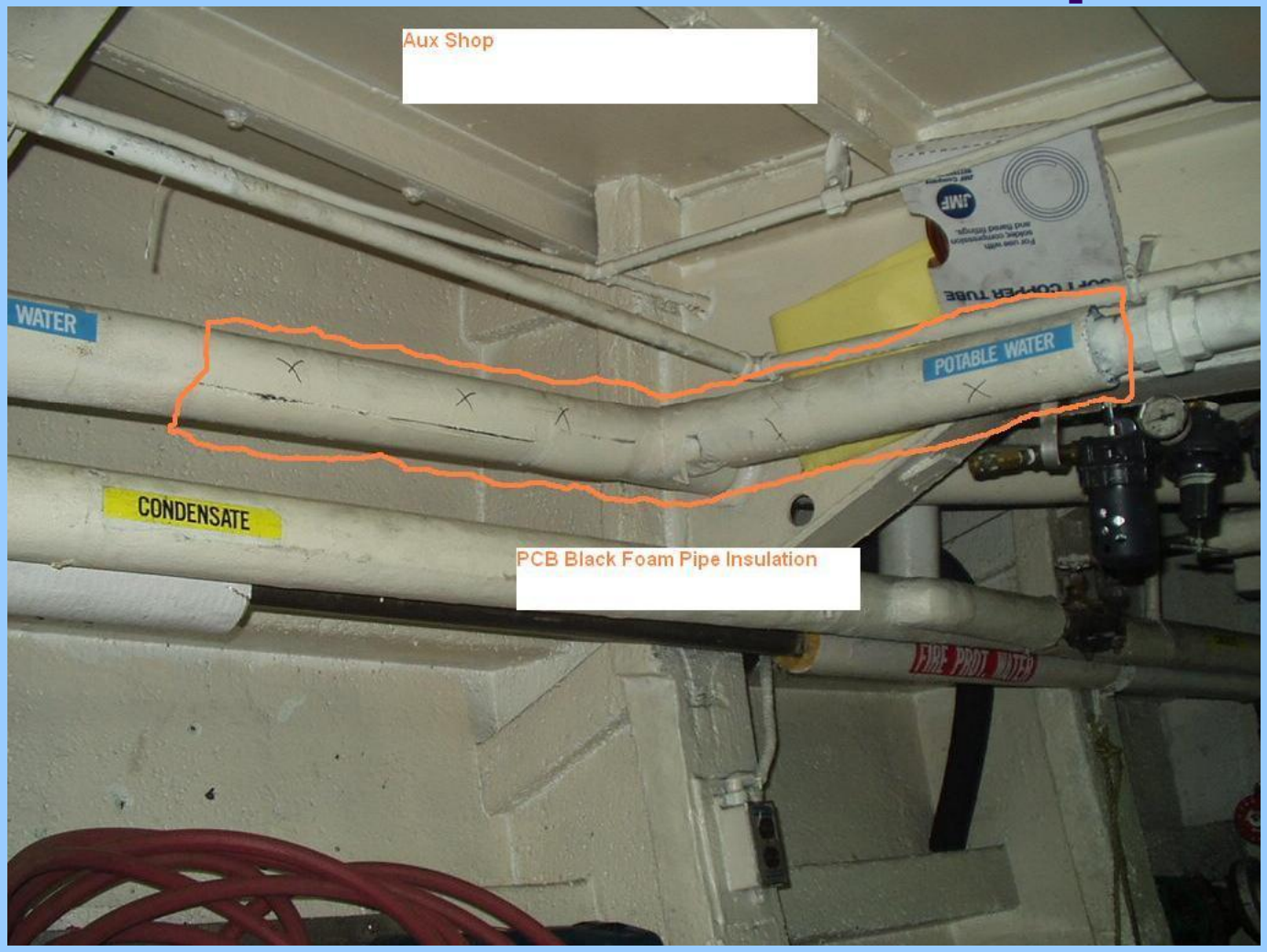
CGC STORIS PCB Clean Up



Line on other side of bkhd, had different insulation on it.

CGC STORIS PCB Clean Up

CGC STORIS PCB Clean Up



CGC STORIS PCB Clean Up

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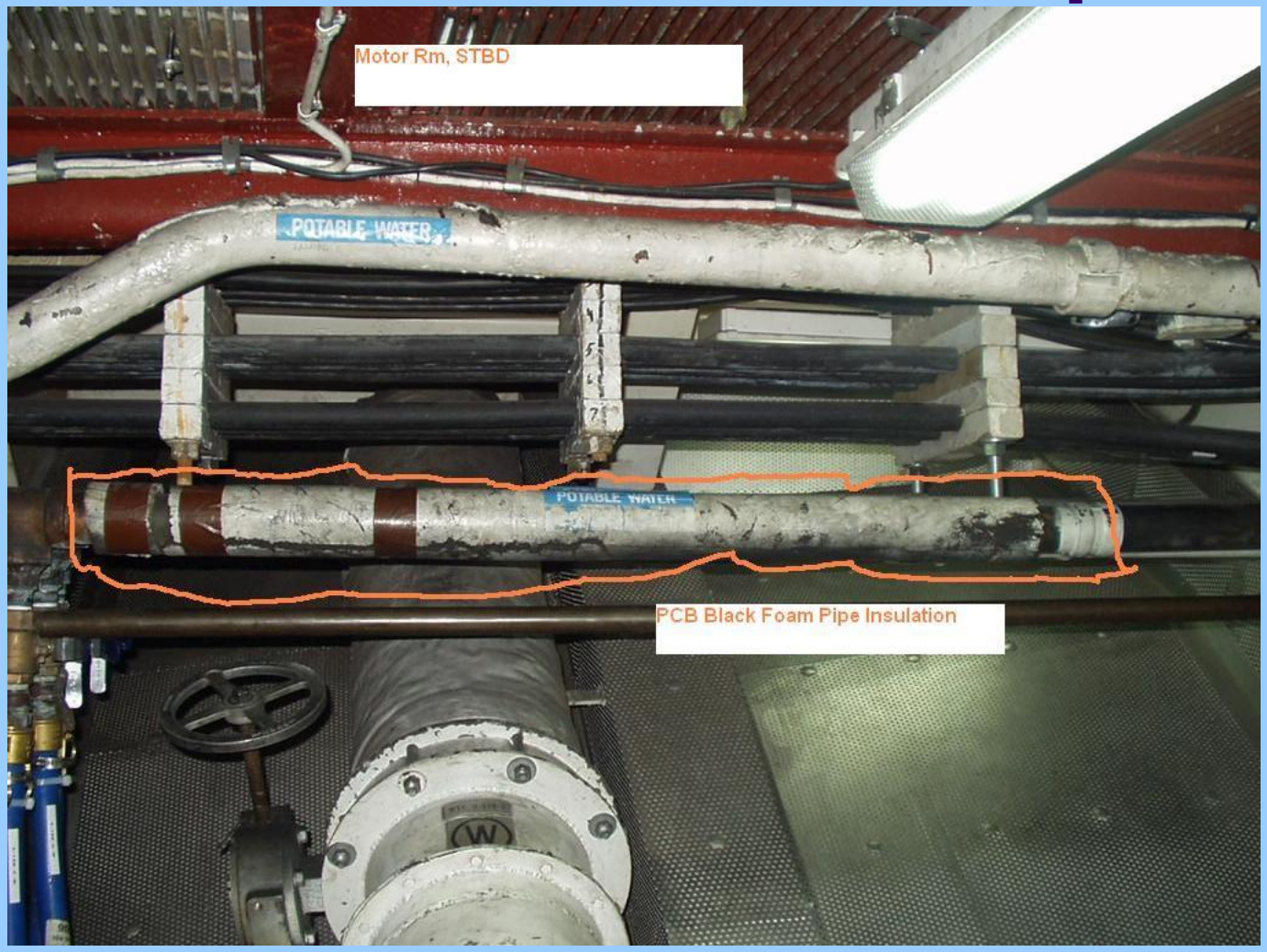
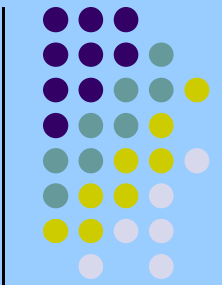


No picture showing the insulation removed.

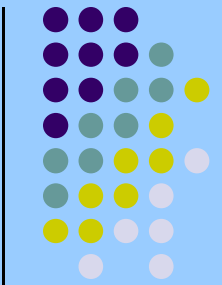
CGC STORIS PCB Clean Up

CGC STORIS PCB Clean Up



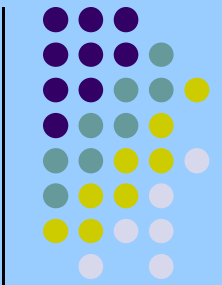
- The project took about 4.5 hours to complete. This is from the start of the survey to delivering the PCB foam container to ISC Kodiak HazWaste TSDF.
- DC3 Skinner, DC3 Carter and myself went thru every compartment on board looking for the specific black foam pipe insulation that contained PCBs.

CGC STORIS PCB Clean Up



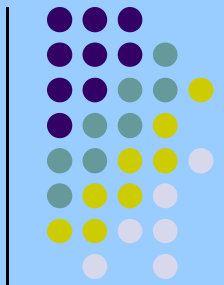
- As I had theorized, the PCB pipe insulation was installed as a patch job sometime in the past. The insulation was on the Potable Water lines.
- This project is representative of a project where PCB black foam insulation was used in a specific patch job.

CGC STORIS PCB Clean Up



- This project could not have been completed without the assistance of the following:
  - DC3 John Skinner, CGC STORIS, survey and removal
  - DC3 Coyet Carter, CGC STORIS, survey
  - Mr. Frederick “Fritz” Miller, HazWaste Bldg Operator, ISC Kodiak

CGC STORIS PCB Clean Up



Any questions, please contact:
Robert “Dennis” McMenamin,
Environmental Protection Specialist,
CG YARD, Safety Office

U.S. Department of Transportation
United States Coast Guard

Commanding Officer
Coast Guard Integrated Support Command Ketchikan - Juneau Staff

P.O. Box 25517
Juneau, AK 99802-5517
Staff Symbol: (ks)
Phone: 907-463-2236

5100.3/5 & 6260.12

12 March 1997

From: LCDR David P. Bleicher, Safety and Environmental Health Branch
To: Commanding Officer, CGC Storis

Subj: PCB ANALYSIS OF MAIN PROPULSION CABLE

1. The main propulsion cable of CGC Storis was sampled on 22 January 1997 and analyzed for PCBs prior to its removal for replacement.

2. Analysis showed no PCBs present. This information was telephonically relayed to members of your crew on 31 January 1997. A copy of the analytical report is provided for your records.

3. For additional discussion of this result or information please contact me at 463-2236.

D. P. BLEICHER
By direction

Encl: Analytical Report

✓Copy: MLCPAC (kse)

DATA CHEM LABORATORIES
A Sorenson Company

ANALYTICAL REPORT

01309715202511

Date JAN 31 1997
Laboratory Group Name 97I-0157-01
Account No. 07300

US Coast Guard
Attention: LCDR David Bleicher
17th Coast Guard District
P.O. Box 25517
Juneau, AK 99802-5517

FAX (907) 463-2256
Telephone (907) 463-2236

Sampling Collection and Shipment

Sampling Site _____ Date of Collection _____

Date Samples Received at Laboratory January 24, 1997

Analysis

Method of Analysis 8080

Date(s) of Analysis January 28, 1997

Analytical Results

Field Sample Number	Laboratory Number	Sample Type	Aroclor 1016 ug/g 3550	Aroclor 1221 ug/g 3550	Aroclor 1232 ug/g 3550	Aroclor 1242 ug/g 3550	Aroclor 1248 ug/g 3550	Aroclor 1254 ug/g 3550	Aroclor 1260 ug/g 3550	Tetrachloro-meta-xylene ug/g 3550	
BL-129399-1	BL-129399-1	BULK	ND	ND	ND	ND	ND	ND	ND	0.17	
QC-129399-1	QC-129399-1	BULK	4.7	ND	ND	ND	ND	ND	4.8	0.17	
97DPB0101	97I01130	BULK	ND	ND	ND	ND	ND	ND	ND	0.13	†
97DPB0101	97I01130MS	BULK	130	ND	ND	ND	ND	ND	30	0.14	†
97DPB0101	97I01130MSD	BULK	140	ND	ND	ND	ND	ND	22	0.20	†
Limit of Detection			0.1	0.1	0.1	0.1	0.1	0.1	0.1	SUR	

† See comment on last page.
ND Parameter not detected above LOD.
NR Parameter not requested.

** See comment on last page.
( ) Parameter between LOD and LOQ.

Analyst: Vicki Hoe-Lin Tsai

Reviewer: Guangyue Liu

1-31-97

Laboratory Supervisor: Reed A. Hendricks

960 West LeVoy Drive / Salt Lake City, Utah 84123-2547 / (801) 266-7700
FAX (801) 268-9992

DATA CHEM
LABORATORIES
A Sorenson Company

ANALYTICAL REPORT

01309715202511

Date JAN 3 1 1997

Laboratory Group Name 97I-0157-01

General Set Comments

Method : 8080 MOD.
A 1 g portion of sample was extracted in 10 mL of hextane and rotated for one hour. A HP5890 GC equipped with electron capture detector and 30 m X 0.25 mm X 0.25 µm of DB-1 Column was used for analysis. Temperature program was 75C for 2 min, ramp at 50C/min to 150C, ramp at 5C/min to 275C for 16.5 min. Injection volume was 3 µL. Laboratory control sample (LCS), Matrix spike (MS) and matrix spike duplicate samples (MSD) were performed. PCB1016 and PCB1260 were spiked at 5.0 µg/g in LCS, MS and MSD. Surrogate TCMX was spiked at 0.2 µg/g in all samples. The recoveries of LCS and surrogate were within QC limits. PCB1016 and PCB1260 in MS and MSD had high recoveries. This was due to sample matrix interferences.

Sample Comments

Laboratory Number	-- Comment --
97I01130	Dil. 1X100 was necessary for analysis.
97I01130MS	Dil. 1X10 was necessary for analysis.
97I01130MSD	Dil. 1X10 was necessary for analysis.

960 West LeVoy Drive / Salt Lake City, Utah 84123-2547 / (801) 266-7700
FAX (801) 268-9992